R E P O R T R E S U M E S

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BASIC FACTS AND STATISTICAL SUMMARY.
DULUTH PUBLIC SCHOOLS, MINN.

PUB DATE JAN 67

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IN THIS REPORT INFORMATION AND STATISTICAL DATA ARE GIVEN ON THE DULUTH, MINNESOTA, SCHOOL SYSTEM'S PHYSICAL PLANT, FINANCES, PERSONNEL, INNOVATIVE INSTRUCTIONAL PROGRAMS, AND EDUCATIONAL PROGRAMS FOR SPECIAL STUDENTS. THE APPENDIXES TO THE REPORT CONTAIN A LIST OF MEMBERS OF THE BOARD OF EDUCATION AND THEIR COMMITTEE ASSIGNMENTS, A SUMMARY OF A BUILDING PROGRAM, AND A MAP OF THE SCHOOL SYSTEM. (LB)

ED 010001

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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BASIC FACTS

AND STATISTICAL SUMMARY

UD 005 130

DULUTH PUBLIC SCHOOLS
JANUARY, 1967

B A S I C F A C T S

And Statistical Summary

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PART I

PHYSICAL PLANT -- LOCATION AND DATE OF CONSTRUCTION

BUILDING	ADDRESS	DATE OF CONSTRUCTION	ADDITIONS
Area Vocational (Barnes-Ames)	2 East Second St.	1916	
Area Vocational Technical	1608 London Road	1909	1947
Birchwood Elementary	258 Swan Lake Road	1965	
Board of Education Bldg.	226 N. 1st Ave. East	1886	
Board of Education Annex	1st Ave. E. and 3rd St.	1919	
Bryant Elementary	32nd Ave. W. & 3rd St.	1894	
Central High	Lake Avenue & 2nd St.	1890	1926
Chester Park Elementary	College St. & Fay Ave.	1926	1930
Cobb Elementary	Woodland Ave. & Faribault St.	1913	1918-1964
Congdon Park Elementary	31st Ave. E. & Superior St.	1929	1964
Denfeld High	44th Ave. W. & 4th St.	1926	
East High	29th Ave. E. & 4th St.	1927	1958-1967
Emerson Elementary	1030 W. 3rd St.	1891	1922
Endion Elementary	1803 E. 1st St.	1889	1953-1962
Ensign Elementary	1013 Piedmont Ave.	1908	1929
Fairmount Elementary	67th Ave. W. & Redruth St.	1910	1934
Franklin Elementary	411 E. 7th St.	1920	1938
Grant Elementary	1027 N. 8th Ave. E.	1918	
Irving Elementary	56th Ave. W. & Nicollet St.	1894	
Jefferson Elementary	916 E. 3rd St.	1893	1952
Julius Barnes Elementary	2102 Blackman Ave.	1960	1962
Kenwood Elementary	Kenwood & Maryland Avenues	1926	1953-1964
Lakeside Elementary	47th Ave. E. & Pitt St.	1893	1914-1952

BUILDING	ADDRESS	DATE OF CONSTRUCTION	ADDITIONS
Laura MacArthur Elementary	727 Central Avenue	1957	
Lester Park Elementary	54th Ave. E. & Oneida St.	1917	1954
Lincoln Elementary	2427 W. 4th St.	1951	
Lincoln Junior High	2428 W. 5th St.	1915	1959-1966
Lowell Elementary	131 W. Central Entrance	1894	1956
Merritt Elementary	40th Ave. W. & 5th St.	1911	
MORGAN PARK Elementary Junior High Senior High	1243 88th Ave. West	1916	1939-1966
Munger Elementary	1120 E. 8th St.	1914	
Nettleton Elementary	1st Ave. E. & 6th St.	1905	1949
Ordean Junior High	105 S. 40th Ave. E.	1956	
Park Point Elementary	Minnesota Ave. & 24th St.	1919	
Piedmont Elementary	2827 Chambersburg Ave.	1950	1964
Riverside Elementary	90th Ave. W. & Commonwealth	1920	1962
Rockridge Elementary	4849 Norwood St.	1965	
STOWE Elementary Junior High	101st Ave. W. & Stowe St.	1915	
Washburn Elementary	St. Andrews St. & Columbus	1905	1926-1957
Washington Junior High	Lake Ave. and 3rd St.	1911	1926-1956
West Junior High	Central Ave. & W. 6th St.	1914	
Woodland Junior High	East Eighth and Clover	1958	
A. M. Chisholm Museum	1832 East 2nd St.		
Central Garage	Lake Avenue & 3rd St.	1938	
Maintenance Building	1st Ave. E. & 3rd St.	1889	
Print Shop	1st Ave. E. & 3rd St.	1910	

PHYSICAL PLANT -- ENROLLMENT, SPLIT GRADES, PRINCIPAL, PTA PRESIDENT

(#--Indicates Cafeteria Service)

BUILDING	ENROLL-MENT	SPLIT GRADES	PRINCIPAL-------PTA PRESIDENT
Area Vocational (Barnes Ames)	118		(Harold Hill, director of Vocational and Adult Education)
#Area Vocational Technical	236		
#Birchwood Elementary	455	1	William Lainen---Mrs. John Youngquist
#Bryant Elementary	316	2	Douglas Ellingsen---Mrs. George Mallory
#Central High	1530		E. J. Duffy---John Sershon
Chester Park Elementary	358	1	Mary Brown---Mrs. Gene Halverson
#Cobb Elementary	665	1	Edna McLarty---Mrs. Robert Maly
#Congdon Park Elementary	426		Mary Brown---Mrs. John W. Erickson
#Denfeld High	1465		Robert VanKleek---Mrs. Russell Berg
#East High	1427		Richard Carlson---Mrs. N. L. Bernhardt
#Emerson Elementary	367		Donald Olson---Mrs. Willard Bushey
Endion Elementary	585	2	Earl Hauer---Mrs. Gene Nyquist
#Ensign Elementary	373	2	Robt. Hollingsworth---Mrs. James Hill
Fairmount Elementary	357	1	Roy Meyer---Mrs. Edmund Mollison
Franklin Elementary	155	1	John Downs---Mrs. Joseph Burke
#Grant Elementary	380	1	Roger Gordon---Mrs. William Maas
(Holy Rosary)	39		(Attending East)
Irving Elementary	446		Roy Meyer---Mrs. Gilbert Oliver
#Jefferson Elementary	399	3	Sigrid Georgesen---Mrs. Claude Lutzka
Julius Barnes Elementary	191	1	Guy H. M. Warren---Major William Hutchinson
#Kenwood Elementary	405	3	Guy H. M. Warren---Mrs. Robt. Zbasnik
#Lakeside Elementary	658		Eugene Bergman---Mrs. Wm. Krummel
#Laura MacArthur Elementary	600		Llewellyn Hokkanen--Mrs. Wesley Ensign
Lester Park Elementary	600	1	William Simmons--Mrs. Clifford C. Johnson

BUILDING	ENROLL-MENT	SPLIT GRADES	PRINCIPAL-------PTA PRESIDENT
#Lincoln Elementary	594	1	Harold Swanson---Mrs. Wendell Larson
#Lincoln Junior High	830		Glenn Card---Mrs. Ray Kohtala
#Lowell Elementary	512	2	Agnes Gallagher---Mrs. John Reitz
Merritt Elementary	346	2	Douglas Ellingsen---Mrs. Sam Fedo
#MORGAN PARK			
Elementary	280	1	Wayne Shumate---Mrs. Wayne McLeod
Junior High	218		Wayne Shumate---Mrs. Wayne McLeod
Senior High	346		Wayne Shumate---Mrs. Wayne McLeod
Munger Elementary	227	1	Donald Olson---Mrs. Lawrence Sharp
Nettleton Elementary	430		John Downs---Mrs. Francis Belanger
#Ordean Junior High	840		Richard Wallin---Mrs. Oliver Oren
#Park Point Elementary	173	3	Roger Gordon---Mrs. Lester Peterson
#Piedmont Elementary	435	1	Robt. Hollingsworth---Mrs. Robert Fredricksen
#Riverside Elementary	199	5	Vivian Anderson---Mrs. Arthur Welsand
#Rockridge Elementary	208		Vivian Anderson---Mrs. Lyman Marshall, Jr.
#STOWE			
Elementary	407		John Moriarity---Raymond Walters
Junior High	185		John Moriarity---Raymond Walters
Washburn Elementary	760		Franklin Bradshaw---Mrs. Wm. Ensign
#Washington Junior High	1345		Adolph Juten---Mrs. Kenneth Worthing
#West Junior High	796		Richard Hill---Mrs. Alfred Persch
#Woodland Junior High	1012		Nick A. Srdar---Mrs. Edward Moeller

Totals:	Elementary Schools	12,357	
	Junior Highs	5,265	
	Senior Highs	4,768	
	Other	354	
			22,744

PHYSICAL PLANT -- RELATIONSHIP OF ELEMENTARY TO JUNIOR AND SENIOR HIGH SCHOOL

EAST

ORDEAN	WOODLAND
Cobb 1/5	Cobb 4/5
Endion 1/2	Endion 1/2
Congdon Park	Chester Park
Lakeside	Kenwood (Some)
Lester Park	Washburn
Rockridge	#Julius Barnes

CENTRAL

WASHINGTON	
*Birchwood	Jefferson
Emerson	Lowell
Franklin	Munger
Grant	Nettleton
Kenwood (Some)	Park Point

Some boundary changes will be necessary when the new Chester Park addition opens in the Fall of 1967.

DENFELD

LINCOLN	WEST
*Birchwood	Fairmount
Bryant	Irving
Ensign	Laura MacArthur
Lincoln	Merritt
Piedmont	

MORGAN PARK

STOWE	MORGAN PARK
Riverside	Morgan Park
Stowe	

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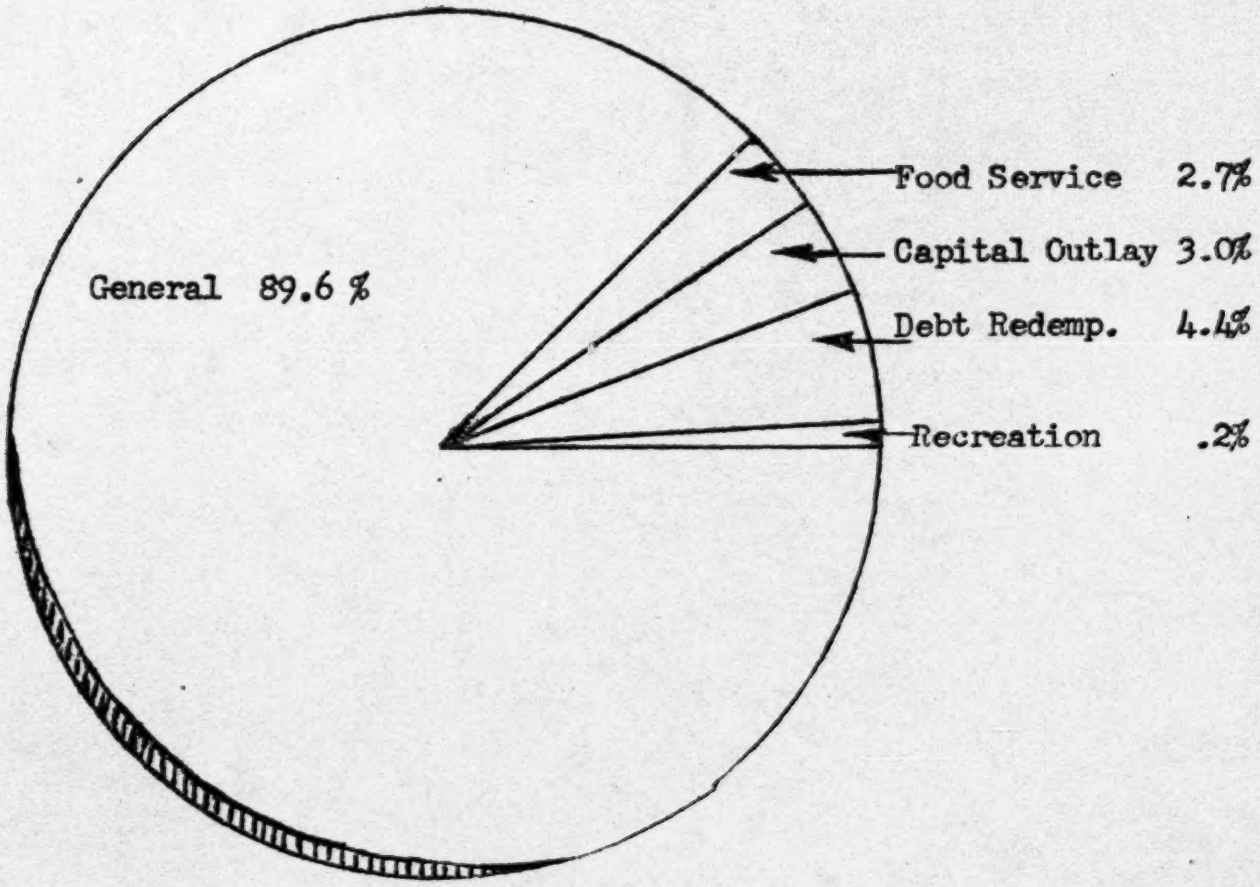
#Julius Barnes is K-4 only. Students proceed to Kenwood.
*Approximately 65 Birchwood students live in the Lincoln-Denfeld attendance area, and will proceed to these schools, rather than Washington-Central.

PART II

FINANCE

YOUR 1965-66 SCHOOL DOLLAR



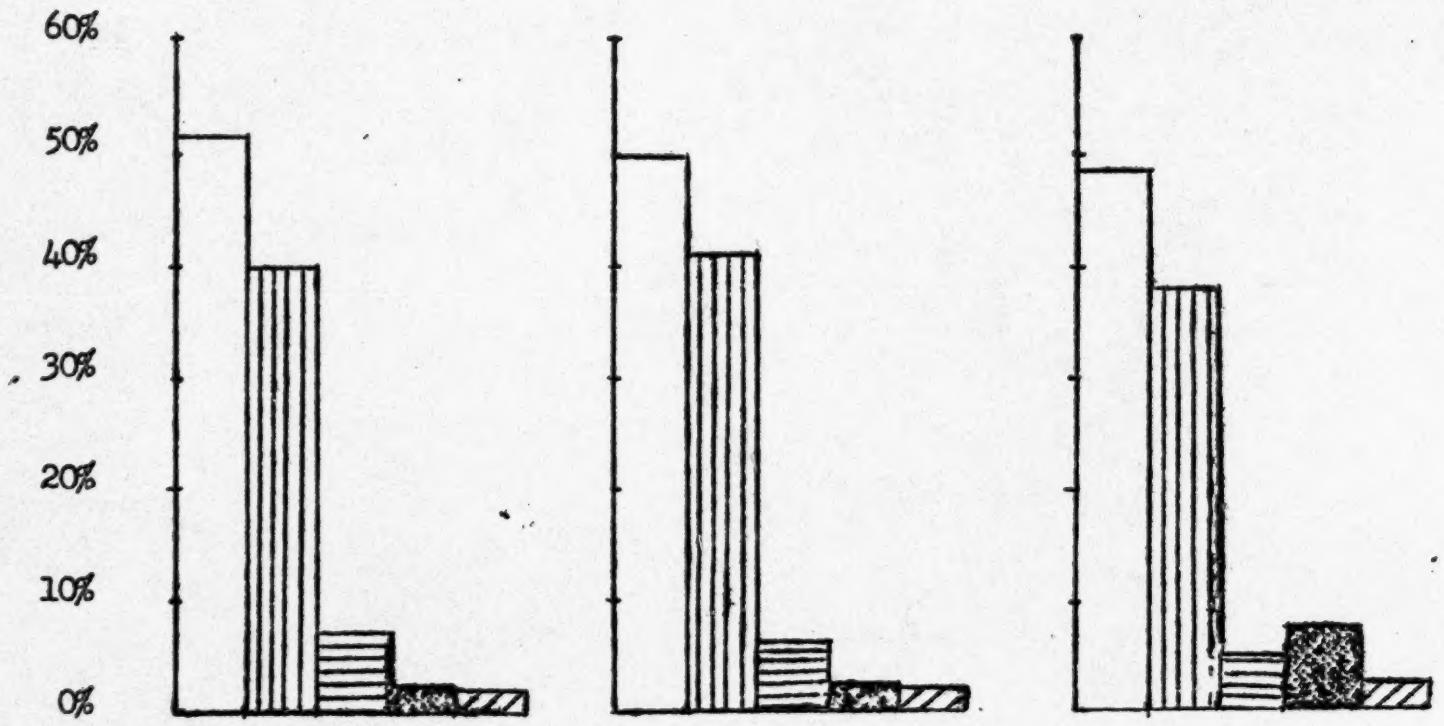
*TOTAL EXPENDITURES FOR VARIOUS FUNDS (1965-66)

FUND	USAGE	AMOUNT	% OF TOTAL
General	Instructional and Plant Services	11,861,633.33	89.59%
Food Service	Hot Lunch Program	362,105.02	2.74%
Capital Outlay	Purchase of New Equipment	397,712.67	3.00%
Debt Redemption	Bond and Interest Payments	588,365.35	4.44%
Recreation	Assistance to City Programs	28,919.23	.22%
Miller Memorial	Purchase Playground Equipment	934.05	.01%
		13,239,669.65	100.00%

*Does not include $842,994.07 Federal Project expenditures and $747,054.85 Building Construction expenditures.

FINANCE (Continued)

YOUR SCHOOL REVENUE



SOURCES OF REVENUE, BY AMOUNT AND PERCENTAGE (1964-1966)

SOURCE	1963-64 AMOUNT	1963-64 PERCENT	1964-65 AMOUNT	1964-65 PERCENT	1965-66 AMOUNT	1965-66 PERCENT
Local Taxes	5,814,950	52.21	5,923,845	49.88	6,563,848	48.70
State	4,392,034	39.43	4,882,908	41.12	5,077,212	37.67
Misc. Receipts	513,880	4.63	666,755	5.62	655,602	4.86
Federal	216,567	1.94	227,657	1.92	905,559	6.72
County	199,374	1.79	173,804	1.46	276,804	2.05
	11,136,805	100%	11,874,969	100%	13,479,025	100%

PERCENTAGE DISTRIBUTION EXPENDITURES
FISCALS 1964 - 1966

	1963-64	1964-65	1965-66
ADMINISTRATION			
Salaries	70.18%	70.57%	77.81%
Other	29.82%	29.43%	22.19%
Percent of Total	2.42%	2.31%	2.42%
INSTRUCTION			
Salaries	94.69%	93.59%	94.01%
Other	5.31%	6.41%	5.99%
Percent of Total	68.35%	67.54%	69.01%
HEALTH SERVICE			
Salaries	94.47%	92.47%	92.79%
Other	5.53%	7.53%	7.21%
Percent of Total	.97%	.95%	.91%
TRANSPORTATION			
Salaries	81.80%	80.37%	80.56%
Other	18.20%	19.63%	19.44%
Percent of Total	1.41%	1.39%	1.41%
OPERATION			
Salaries	69.34%	70.86%	71.90%
Other	30.66%	29.14%	28.10%
Percent of Total	11.82%	12.47%	11.81%
MAINTENANCE			
Salaries	60.46%	53.43%	57.54%
Other	39.54%	46.57%	42.46%
Percent of Total	5.16%	4.45%	4.12%
FIXED CHARGES			
Percent of Total	7.62%	7.37%	7.62%
COMMUNITY SERVICES			
Percent of Total	2.25%	3.52%	2.70%
Total	100 %	100 %	100 %
TOTAL SALARY PERCENTAGE	81.94%	81.26%	82.11%
1% of Total equal to:	$101,365.00	$110,075.00	$118,616.00

PUPIL UNITS FOR DISTRICT (Six Year Period)

	RESIDENT	TOTAL
1960-61	22,801.40	23,533.10
1961-62	22,970.20	23,808.56
1962-63	23,142.60	23,859.20
1963-64	23,721.15	24,574.62
1964-65	23,733.19	24,609.95
1965-66	23,613.15	24,711.97

PUPIL UNITS
MAINTENANCE COST FOR DISTRICT, PER PUPIL UNIT, COMPARED WITH AVERAGE OF 30 LARGEST MINNESOTA SCHOOL DISTRICTS (Six Year Period)

	DULUTH	30 DISTRICT AVERAGE
1960-61	339.88	353.27
1961-62	356.70	372.30
1962-63	381.06	385.13
1963-64	387.92	403.27
1964-65	416.00	427.57
1965-66	449.59	456.70

PUPIL UNITS
CAPITAL OUTLAY EXPENDITURES (Six Year Period)

	DULUTH
1960-61	13.06
1961-62	20.02
1962-63	12.29
1963-64	28.77
1964-65	18.18
1965-66	15.91

PUPIL UNITS
CAPITAL OUTLAY AND DEBT SERVICE, COMPARED WITH THIRTY LARGEST DISTRICTS (Six Year Period)

	DULUTH	30 DISTRICT AVERAGE
1960-61	33.69	77.23
1961-62	40.09	74.27
1962-63	31.78	77.63
1963-64	48.76	77.37
1964-65	39.33	84.80
1965-66	39.66	86.40

FINANCE (continued)

SIX YEAR COMPARISON: ASSESSED VALUATION, SCHOOL LEVY, TOTAL LEVY, SCHOOL % OF TOTAL

YEAR	ASSESSED VALUATION	SCHOOL LEVY	TOTAL LEVY	SCHOOL LEVY PERCENTAGE OF TOTAL LEVY
1960-61	50,718,113	122.304	260.59	46.93%
1961-62	50,540,005	119.850	276.22	43.39%
1962-63	49,047,528	128.144	289.74	44.23%
1963-64	49,680,219	125.490	313.78	39.99%
1964-65	47,884,332	133.55	322.17	41.45%
1965-66	48,218,622	146.17	338.17	43.22%

BONDING STATUS OF DISTRICT

The legal bonding authority of The Board of Education is limited to 20% of assessed valuation. Based on an assessed valuation of 51,000,000 for the school district, the Board has authority to issue $10,200,000 in bonds. The bonded indebtedness outstanding as of December 1, 1966, is $9,165,000 leaving $1,035,000 which may be used for new bonds.

On November 19, 1963, voters authorized $2,420,000 in school bonds for elementary school purposes. All of these bonds have now been issued.

On February 16, 1965 voters authorized $6,710,000 in bonds for secondary and vocational technical institute purposes. Of this amount, $4,600,000 has been issued, leaving $2,110,000 yet to be issued. These bonds can be issued from time to time within bond debt limitations.

PART III

PERSONNEL

A. INSTRUCTIONAL STAFF

1. NUMBER OF EMPLOYEES---1023

Elementary Grades	396	Co-ordinators	3
Junior High	240	Area Vocational Tech	23
Senior High	206	Title I Teachers	15
Principals & Administrators	35	Psychologists & Soc. Wks.	9
Assistant Principals	4	Voc. Adj. Co-ord.	6
Special Teachers	58	Part-Time	9
Supervisors & Directors	19	Total	1023

2. SALARY PROVISIONS

	B.A.MINIMUM	B.A.MAXIMUM	M.A.MINIMUM	M.A.MAXIMUM
TEACHERS	$ 5,150	$ 8,800	$ 5,950	$ 9,650

3.

	CLASS I	CLASS II	CLASS III	CLASS IV	CLASS V
PRINCIPALS & SUPERVISORS	$10,763 to 12,063	$10,956 to 12,256	$11,921 to 13,221	$12,017 to 13,317	$12,982 to 14,282
PSYCHOLOGISTS	---	---	---	8,734 to 11,234	---

3. RETIREMENT BENEFITS

There is a co-ordinate plan in conjunction with Social Security. The plans are independent of one another.

A career teacher with 35 years or more of service, retiring at about age 65, would generally receive approximately 48 to 50% of ending salary at the bachelor's degree level.

Options:

- Life annuity
- Life annuity with refund features
- Life annuity for member plus life annuity for spouse
- Life annuity for member with guarantee of X number of years for certain
- Leveling out pension with early retirement

4. OTHER BENEFITS

Hospitalization and medical plan under which the Board of Education pays the single person rate of $7.86 per month; heads of families pay $17.37 per month additional.

Sick Leave - 10 days per year, cumulative to 120 days.

The Board of Education provides for tax sheltered annuity program on a voluntary basis. 15% of the employees are participants in the program.

A. INSTRUCTIONAL STAFF (continued)

5. IN-SERVICE REQUIREMENTS

(These regulations shall not apply to professional employees who have attained their sixtieth birthday.)

a. Each teacher without a degree shall be required to obtain a minimum of six quarter hour credits or the equivalent thereof each five years.

b. Each teacher with a Bachelor's degree shall be required to obtain a minimum of six quarter hour credits or the equivalent thereof each six years.

c. Each teacher with a Master's degree shall be required to obtain a minimum of six quarter hour credits each seven years.

d. A committee of teachers, administrators and Board Members shall develop a program of sabbatical leaves and payments for summer school attendance within a total cost of $5,000 per year.

6. TENURE REGULATIONS

Teachers employed by the Duluth Board of Education are on probation during the first three years. If their work is satisfactory, they attain tenure status when they begin their fourth year in the Duluth School System.

7. EVALUATION PROCEDURES

A revised evaluation form was adopted in 1964 which provides for more effective evaluation of teachers who are not under tenure. The teacher first rates himself and then confers with the building principal who also rates the teacher. Classroom observation by the principal to evaluate the teacher properly thereby becomes necessary.

8. TRAINING LEVELS OF INSTRUCTIONAL STAFF

Training Level	Teachers & Administrators	Percentage
Doctorate	5	.5
Master + 30	67	6.7
Masters	243	24.3
Bachelors + 30	114	11.4
Bachelors	547	54.7
Less than degree	24	2.4
	1000	100.0
Voc.-Tech. Unclassified	23	
Total	1023	

B. BUILDINGS AND GROUNDS

1. NUMBER OF EMPLOYEES---220

Custodians	71	School Bus Drivers	22
Engineers and Firemen	84	Maintenance Men	43
		Total	220

2. SALARY PROVISIONS 1965-66 (1966-67 under negotiation)

Custodians	$5,321.72 - 5,424.56	Utilitymen	$5,321.72 - 5,707.35
Engineers	6,105.84 - 7,249.88	Mechanic	6,362.93 - 6,491.47
Firemen	5,591.66 - 6,234.38	Foremen	7,108.48 - 7,249.88
School Bus Drivers	5,823.04 - 5,938.73	Storekeeper	6,838.54 - 6,979.94

3. RETIREMENT BENEFITS

All employees except temporary help are under Civil Service and Public Employees Retirement provisions, with retirement required at age 67 after 1967. The Public Employees Retirement Association provides a 14½% retirement fund. The employee contributes 6% of the first $6,000. The employer contribution is 8½% of the first $6,000.

4. OTHER BENEFITS

Hospitalization and Medical plan under which the Board of Education pays the single person rate of $7.86 per month; heads of families pay $17.37 per month additional.

Vacations - 2 weeks after 1 year service, 3 weeks after 15 years, 4 weeks after 20 years.

Sick leave - Accumulate at 2½ days per month to 60 days in 2 years; after 10 years an additional 60 days. Can be accumulated, making 120 days after 12 years.

5. IN-SERVICE REQUIREMENTS

Only for promotion - under Civil Service requirements.

6. TENURE REGULATIONS

Employee can only be discharged for cause or lack of position as specified under Civil Service rules.

7. EVALUATION PROCEDURES

Twice yearly operating personnel are rated on a report form by the principals of schools. Once a year all employees are rated on Civil Service report forms. If an employee receives three consecutive reports below a set rating he is automatically required to leave.

8. TRAINING LEVEL

Number of classifications in each position are:

Engineer	5	Fireman	3	Custodian	1	School Bus Driver	1
Mechanic	5	Utilityman	2	Foreman	1	Storekeeper	1

Each person hired or promoted is required to successfully pass Civil Service specifications for each classification.

9. OTHER

All personnel hired are required to pass a physical examination and a 6-month probationary period satisfactorily. When promoted, each man receives the step "A" salary for the new classification, Step "B" after 6 mon., Step "C" after one year.

C. SECRETARIAL

1. NUMBER OF EMPLOYEES---99

2. SALARY PROVISIONS

Office salaries provide eight steps, with nine levels of pay in each. Step A ranges from $282 to $414. The highest step (H) ranges from $394 per month to $578.

3. RETIREMENT BENEFITS

The Public Employees Retirement Association provides a 14½% retirement fund. The employee contributes 6% of the first $6,000. The employer contribution is 8½% of the first $6,000.

4. OTHER BENEFITS

Hospitalization and medical plan under which the Board of Education pays the single person rate of $7.86 per month; heads of families pay $17.37 per month additional.

Sick leave - 30 days per year, accumulating to 120 days after 10 years in service.

Vacation - 1-9 years, 2 weeks; 10-19 years, 3 weeks; over 20 years, 4 weeks.

Personal leave up to 3 days for death in immediate family.

5. IN-SERVICE REQUIREMENTS

Motivation for professional improvement results from the nine achievement levels of in-service placement. Each level reflects added responsibilities requiring additional training.

6. TENURE REGULATIONS

Six-month probationary period. Full tenure after this, in accordance with Civil Service Commission.

7. EVALUATION PROCEDURES

Yearly evaluation to Duluth Civil Service Commission.

8. OTHER

A physical examination is required at the beginning of employment, followed by an annual X-ray or other tuberculosis test.

D. FOOD SERVICE

1. NUMBER OF EMPLOYEES---72

Cooks	Hours per day
19	8
15	7
9	6
6	5
18	4
4	3
1	2

2. SALARY PROVISIONS

Managers:	High school	$1.98	Helpers:	High school	$1.50
	Junior high	1.70		Junior high	1.50
	Elementary	1.50		Elementary	1.17

3. RETIREMENT BENEFITS

The Public Employees Retirement Association provides a 14½% retirement fund. The employee contributes 6% of the first $6,000. The employer contribution is 8½% of the first $6,000.

4. OTHER BENEFITS

Hospitalization and Medical plan under which the Board of Education pays the single person rate of $7.86 per month; heads of families pay $17.37 per month additional.

Sick leave - 30 days per year, accumulating to 120 days after 10 years in service.

Paid vacations - two weeks.

5. IN-SERVICE REQUIREMENTS

Voluntary workshops are conducted annually by the State Food Service. In addition, attendance at a menu planning session once each year is mandatory.

6. TENURE REGULATIONS

Six-month probationary period. Full tenure after this, in accordance with Civil Service Commission.

7. EVALUATION PROCEDURES

Yearly evaluation to Civil Service Commission by supervisors.

8. OTHER

As a condition of employment, all personnel must be high school graduates who have passed the Civil Service examination.

PART IV

NEW WAYS IN EDUCATION

This section attempts to summarize in capsule form various instructional innovations which have been introduced recently in the Duluth Public Schools. Some involve new course-offerings, others represent new approaches to traditional subject-matter. Still others involve the entire educational process on a city-wide basis, for example, the testing program or the new grade-reporting system in the senior high schools. In general, those programs designed primarily for students with special educational needs are found in Part V, even though the "Programs for the Special Student" described in that section also represent "New Ways in Education." If in doubt, consult the Index to find the location of the information you desire.

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DATA PROCESSING PROGRAMMERS

This is an MDTA program, presently enrolling 40 students in two separate sections. The first began training in September and the second in October of 1966. The training lasts 52 weeks. Classes are housed in the Area Vocational-Technical School, with a staff of two full-time and three part-time instructors. The State Employment Service assists. The goal is to provide training in the concepts, principles and techniques of data processing, and to enable students to step into entry jobs as programmers or in related occupations.

DRIVER EDUCATION

Classroom Phase:

The Classroom Phase of driver education is provided as part of the 9th grade civics course during the last six-week period of the second semester. This unit helps prepare the young driver for the responsibilities he must meet when he goes behind-the-wheel of an automobile. The course deals with rules and regulations, interpretation of signs, what to do in case of an accident, defensive driving, and other material that will help develop the proper attitude toward safe driving.

Behind the Wheel Phase:

After January 1, 1967 all students will be required to successfully complete both the classroom phase and the behind-the-wheel phase of driver education in order to secure a driver's license before 18 years of age. In order to meet the anticipated increase in enrollment, we will operate an expanded program in the summer of 1967. We will continue to offer behind-the-wheel training after school and on Saturdays during the school year so long as street and weather conditions permit. All of our instructors are regular teachers in the Duluth Public Schools.

ECONOMICS

Starting with the current school year, the Duluth Schools have been selected to participate in the Developmental Economic Education Program sponsored by the Joint Council on Economic Education. The project covers levels from Kindergarten through 12th grade and involves the improvement of teacher preparation in economics, the development and evaluation of new teaching materials at all grade levels and the building of economics understanding into the school curriculum. The project is designed not to encourage the offering of courses in economics on all grade levels, but to help economics find natural lodgings in the curriculum. The Duluth Schools are one of twenty-nine school systems throughout the United States which have been selected to participate in this project.

EDUCATIONAL TELEVISION

WDSE-TV, Channel 8, which began broadcasting in September of 1964, is an inter-community, non-profit corporation. Its concept is that of an area community institution, contributing to the educational and cultural life of this area through daytime programs tailored to classroom needs and evening programming for the total community. WDSE-TV is affiliated with National Educational Television (NET), Midwestern Educational Television and the Minnesota Network. In addition to these important program sources, broadcast material is procured from other national organizations, the BBC and more than a dozen colleges and universities.

From modest beginnings, the station is steadily increasing in technical facilities and production competence. The percentage of local programming is on the increase. A series featuring UMD was completed in late 1966, and the "Hornbook" series, inaugurated by the Duluth Public Schools, is seen weekly. This is a series by and for educators of this area, and school systems throughout the Channel 8 area are invited to participate. It is envisioned that improved equipment and the accumulation of television experience on the part of local educators will greatly expand the quantity and quality of local programming in the immediate future.

HEAD START PROJECT

A grant from the Office of Economic Opportunity launched Duluth's Head Start Project in 1965. Research evidence already indicates that the program is making a significant and positive impact on the progress of children from educationally disadvantaged homes. The present constitution of the program is as follows:

Summer Program:

Classes for children aged four, five and six are conducted in twelve elementary schools: Cobb, Grant, Jefferson, Franklin, Nettleton, Emerson, Lincoln, Bryant, Irving, Fairmount, MacArthur and Stowe. Five-year-olds (between Kindergarten and grade one) attend at Readiness Rooms, and for six-year-olds (between grades one and two) there are Transition Rooms.

The purpose is to provide compensatory learning experiences for approximately 500 children. The staff consists of qualified teachers, teacher aides, mother aides, social workers, psychologists, nurses, social worker aides and nurse's aides.

School Year Program:

During the school year, Head Start or Child Development Centers for four-year-olds (pre-Kindergarten) are conducted in eight district schools. This program provides the opportunity to do intensive counseling with families and to provide the medical, psychological and social service help which is necessary.

HUMANITIES COURSES

The Humanities--a record of the way man thinks and feels about life, and an exploration of basic questions and answers as found in the various art forms--is now offered as an elective at all four high schools. Two classes are now being conducted at each school, with instructors making wide use of the cultural resources of the community and the contributions of their fellow teachers.

INDIVIDUALIZED INSTRUCTION

From the beginning of Project Congdon three years ago, individualized instructional programs within the Duluth Public Schools have grown to the extent that they are now under way, either in whole or in part, in five elementary schools, one junior high school, and one senior high school. Meanwhile, there has been a rapidly developing interest across the country in what we are doing in Duluth. During a recent conference at Stanford University, for example, it was stated that in the field of individualized instruction, the Duluth Schools were "the outstanding system in the United States."

MULTI-OCCUPATION PROGRAM FOR YOUTH

Scheduled to begin in early January of 1967, this is a new type of program for training youth in welding, machine operation and general office clerk skills. Established for one year, these are "open-end" programs. The intention is to start with ten enrollees in each class, then increase to fifteen in welding and twenty in the other courses. As students complete training and accept employment, new trainees will be recruited by the State Employment Service and referred to the Comprehensive Facility for basic education and enrolled in the Multi-Occupation Program for which they have been selected. Enrollments at any given time may vary, but courses will always remain open to serve the trainees selected by the Employment Service.

REPORTING SYSTEM IN SENIOR HIGH SCHOOLS

Beginning with the current school year, Duluth secondary schools readjusted their system of reporting to parents on student progress and achievement. Formerly, reports were issued six times annually. Under the new system, there are four reports, issued at intervals of approximately ten weeks. In addition to these reports, parents are contacted if a student is doing failing or below-ability work. These interim reports are issued midway in the grading period, in the hope that parents may initiate corrective procedures. Parents are urged to contact the school if their student is doing work below promotional standards, not achieving according to ability, or if his or her conduct is creating problems.

Another basic change involves the elimination of the "U" grade with a zero value and the "F" grade with a value of minus one. Under the new system, A=4, B=3, C=2, D=1 and F=0. A "D" average is necessary for passing.

The third basic change involves final exams. Previously, these had the weight of two report-period grades. The final exam score now has the value of one-half of an individual marking period.

SUMMER SCHOOL

The secondary summer school program last summer (1966) enrolled 1,612 students in regular courses. Approximately one-third of the students took one of the various summer school programs to recover credits failed during the regular school year. Two-thirds of the students were taking new courses for the first time for either enrichment or acceleration. The summer school program is tuition free and is supported by state aid. Course offerings include the regular academic subjects as well as many courses not offered during the regular school year.

The total enrollment was 5,766. This includes Special Education, instrumental music, regular academic courses, and driver education.
FOR ELEMENTARY SUMMER SCHOOL, SEE PAGE 20.

TESTING PROGRAM

Nationally standardized achievement tests were administered on a system-wide basis in our elementary schools last year. Results were gratifying. The average Duluth elementary student scored one-half grade level above the national norm. This indicates that Duluth pupils as a group are achieving academically in a manner consistent with expectations.

VOCATIONAL-ADULT PROGRAM

Trades and Industry

Activities of local industry are coordinated with those of the school system. Classes are conducted for apprenticeship and journeyman training, with special emphasis on competency.

Distributive and Office Education

Classes are conducted on a seminar, clinic and extended term basis and are co-sponsored with local business firms. Offerings include marketing, merchandising, management, office skills and business procedures.

WORK-STUDY PROGRAM (HIGH SCHOOL)

The High School Work-Study Program was established under the Economic Opportunity Act to help young people from low-income families and is administered by the Neighborhood Youth Corps. The program places special emphasis on making it possible for youth to stay in school, or to resume schooling, by providing part time work while attending school full-time.

The enrollees may work a maximum of 15 hours per week during the school year and 30 hours per week during the summer. They are paid at the rate of $1.25 per hour for work such as the following: Teacher Aide, Audio-Visual Repair Helper, Library Clerk Aide, Audio-Visual Operator, School Clerical Aide, Machine Maintenance Helper, Tool Room Clerk, Grounds Maintenance, Cafeteria and Food Service Aide, Store Room Aide and Custodial Helper.

We are now operating at our full capacity of 93 enrollees, 46 of whom are male and 47 female. November 1966 was our first month of operation at the maximum of 93 and enrollee wages paid out amounted to $5,789. This figure is expected to be about the average for our in-school 1966-67 program.

ELEMENTARY SUMMER SCHOOL

This program is in three parts: Enrichment Program, Skills Clinic, and Head Start for four, five and six year olds. A description of the summer Head Start Program will be found on page 17. The total Head Start enrollment for Summer 1966 was 489.

Enrichment Program:

These classes, for children of average or above-average ability, offer an opportunity to explore areas of special interest or talent. In its five-year nistory, the program has grown to a total enrollment of 1415 in Summer 1966, with 86 classes held in six centers: Kenwood, Lincoln, MacArthur, Ordean, Stowe and Woodland.

Skills Clinic:

The Reading Clinic, with a 1966 enrollment of 565, exists to serve those elementary children who show a year or two years reading retardation. It is often the case that in the six weeks of individualized work with a teacher-specialist, the youngster can gain enough in his reading skills to function at his proper expectancy level during the following year. This is also true of the Arithmetic Clinic, which served a summer enrollment of 470 in 1966.

****

CHANGES IN AVERAGE CLASS SIZE IN A FIVE-YEAR PERIOD BASED ON ENROLLMENT

	Oct. 1962	Oct. 1963	Oct. 1964	Oct. 1965	Nov. 1966
Elementary	30.41	28.92	28.15	27.93	29.36
Secondary					
Jr. High	22.20	22.28	20.48	21.41	21.95
Sr. High	24.30	24.44	24.14	23.22	23.49

PART V

PROGRAMS FOR THE SPECIAL STUDENT

The term "special student", as used here, includes not only those with physical, emotional and social handicaps, but the intellectually talented student as well. Most, but not all, of the following programs are organized under the Department of Special Education. This department has 80 full-time and 100 part-time staff members. The Duluth Schools provide services for handicapped children on a regional basis, deriving a portion of the financial support from tuition payments by other area school districts.

****

ACADEMICALLY ABLE STUDENTS (ELEMENTARY)

Three project workshops--at Lincoln, Grant and Congdon--are fed by the elementary schools nearest them. Each workshop is limited to twenty 5th or 6th grade children, identified as possessing unusually high mental potential, with extraordinary academic achievement and high creativity as secondary factors in selection. Pupils attend the morning workshops and return to home schools in the afternoon. The curriculum stresses communication skills and social studies, but children are encouraged to select topics in any field which interests them. The skills developed are then applied to the selected areas of study. The workshop curriculum is coordinated with that of the home school so that no fundamental skill is neglected. Workshop teachers offer enrichment services to other schools in the afternoons, on an itinerant basis.

ADVANCE PLACEMENT COURSES

Each of the following high schools--East, Central and Denfeld--offer Advanced Placement courses in English. This is a program by which very able high school students can prepare for and take national examinations leading to advanced placement and/or credit in certain cooperating colleges and universities. These are college-level courses taught to classes of students who have applied for admission and have passed certain rigorous screening procedures.

BASIC EDUCATION PROGRAM (VOCATIONAL)

Vocational Adult

Instituted in mid-November of 1965, this program now serves 40 students, aged 21 through 55, whose reading levels range from second to ninth grade. Their need is for basic education in reading, arithmetic and the realities of the world of work, and the goal is to prepare them to embark on actual vocational education. The students may be identified as those who are unemployed and lack a high school diploma, but who have a sincere desire to find useful employment. The program is housed in the former Co-op Store at 500 East 10th Street, now referred to as the Comprehensive Facility.

The program and staff has now been established and consists of a manager and secretary, four full-time teachers, full-time counselor and remedial reading specialist. Over the past year this program has served over 100 students. Those who have completed their courses have been placed directly into employment, referred to other MDTA programs, or referred to Area Vocational-Technical schools for further education.

Vocational Youth

On October 17, 1966 a program for youth between the ages of 16 and 23 was started, which serves those who have a low level of reading ability, or who because of social and economic problems have not been able to be placed in full employment. For the coming year it is expected that this program will serve approximately 80 young people in the Basic Education and Pre-Vocational programs. Students may also be referred to welding courses, machine operator courses, or a clerk general office course. Other students who have been referred to the Facility for Basic Education will be kept as long as it is deemed necessary and then referred to other MDTA programs for further training. The staff of this program will be similar to the staff for the Adult Basic Education with the addition of a social worker.

EMOTIONALLY DISTURBED

A formal program, established last year, comprises eight classrooms in four psychiatric treatment centers. The 60 students attending are those judged too ill to attend regular classes. Supplementary tutoring is available to selected disturbed children who do attend regular elementary and secondary schools.

HEARING IMPAIRED

These children need early, intensive and ongoing help if they are to develop oral language. They are admitted at age four, remain in the program to junior high school age, and insofar as possible are integrated for a portion of the day with regular classes. Those needing assistance at high school age are provided with supplemental tutoring. Four specially-trained teachers, housed at Lincoln Elementary, conduct the program. Twenty-six youngsters are presently enrolled.

HIGH SCHOOL DIPLOMA PROGRAM

Since 1964, adults have been enabled to earn a high school diploma through an accelerated program which permits them to complete a year's course in as little as twelve weeks if they have the time and ability. Applicants must be 21 or over, submit a transcript of previous high school work, and pay an $18.00 fee for each course.

MENTALLY RETARDED (EDUCABLE AND TRAINABLE)

EDUCABLE (approximately 355 students)

Special classes for Educable M.R.'s are designed to offer a level of individual attention which would be impractical in the regular classroom. In most cases they gain functional mastery of the basic skills. The educable child differs from others only in his inability to compete in the formal academic subjects. The program employs 23 teachers, most of whom, in addition to holding regular Minnesota teaching certificates, are certified to teach special classes.

TRAINABLE (approximately 65 students)

These are children not expected to gain functional mastery of basic skills, or to become completely independent adults. Emphasis is on group adjustment and self-protection skills. Five teachers work in two centers--one for adolescents, one for younger children. The Bryant School Home Living Laboratory is used to teach self-sufficiency in the home and neighborhood. In Duluth, trainable children are eligible for these services to age 16.

MULTIPLE-HANDICAPPED

This program includes one class for children who are both deaf and mentally retarded, and a number of individual, part-time programs for other multiple-handicapped children. A total of eight students is involved.

NEW DROPOUT PROGRAM

The primary purpose of the "Dropout" program, begun during the 1965-66 school year, is to improve the holding power of the schools with an identifiable group of students. Three junior and two senior high schools are involved.

Central High School--The students of last year's project have continued into the eleventh grade and have been phased into "C" level work. The present Central project includes students who were in the Washington Jr. dropout project last year. To date, three students have transferred from the Central project.

Denfeld High School--Denfeld has phased its dropout classes into its "low-track." The effort has been to individualize work through small classes, selected materials, etc. Holding power has been excellent. Of the 25 students with whom the project started last year, 10 are still in school at Denfeld. Five moved from Duluth or transferred to another Duluth school. Seven others went to work, and the remaining three are still in Duluth, neither working nor attending school.

Lincoln Junior-- Eighty-five students, from all three grade-levels, are included. They work in small classes under the direction of ten teachers, use specially selected materials and are given as much individual attention as possible. Subjects covered are mathematics, English, science and social studies. Only one student has been lost to date.

Washington Junior--150 students are involved under the direction of 14 teachers. Holding power has been excellent: three students were lost last year, none this year. Students from all three grade levels are involved, and the student-teacher ratio is about 25-to-one. Teachers attempt to obtain special materials and give individual attention.

West Junior--This project has been phased into a Title I project of a basically remedial nature. Six teachers--three of whom are science teachers--work with slightly more than 100 youngsters. In addition to science, English, math and social studies are covered. Holding power has been excellent, with few discipline problems and improved attendance.

PHYSICALLY HANDICAPPED

Three full-time, certified professionals provide special instruction and services for children whose orthopedic handicaps make regular class attendance impossible. The program, housed at Lincoln Elementary, includes physical therapy, speech therapy and classroom instruction. A teacher aide is provided to both the primary and the intermediate instructor. The third professional, a physical therapist, serves both groups. He also provides services for older handicapped children in regular classes in other buildings. A total of 20 students are served by the program.

REMEDIAL READING CENTERS - ELEMENTARY

Three certified Reading Clinicians are assigned to the elementary department. Each clinician is assigned to an area of the school district. Their time is divided between:

-- testing and diagnosis of reading clinic cases during the school year
-- consultant work in reading problems
-- in-service workshops for non-tenure teachers
-- screening and testing of all students for summer corrective reading program
-- work with serious reading cases (part time)
-- supervision of all reading teachers working under Title I project
-- follow-up of all students who have received remedial reading work in the summer program or during the school year

Centers are maintained at Jefferson, Lincoln Elementary and Laura MacArthur schools.

SCHOOL HABILITATION PROGRAM

A Work Adjustment Center at Bryant provides a practical culminating experience for the handicapped student aged 16 to 21. These students, who have potential for independence, are provided with work evaluation, work adjustment training, home-living experiences and with actual job placements for training purposes. Two Vocational Adjustment Coordinators are employed through a cooperative agreement with the State Division of Vocational Rehabilitation.

SPECIAL LEARNING DISABILITY

This term includes children whose future school success depends on supportive assistance, most of whom are two years or more behind in one or more basic skills, do not fit into any of the other Special Education programs, and/or show symptoms of minimal neurological impairment or visual-perceptual deficit. Demand for this type of service is increasing. At present, two full-time and a large number of part-time supplemental teachers serve 80 children.

SPEECH IMPAIRED

Ten trained speech therapists serve both elementary and secondary schools on an itinerant basis, usually visiting twice weekly for a half-day. Individual therapy sessions are 20 to 30 minutes, twice weekly, with longer sessions for those with more severe impairment. In addition, six non-public schools are given speech therapy services. About 550 students are served in the total program.

SUPPORTIVE SERVICES

Current demands exceed the amount of service that can be rendered by the present staff of three psychologists and five social workers. These personnel conduct routine psychological testing, consult with teachers, principals, parents, and work with community agencies such as the Mental Hygiene Clinic in securing treatment services. Meeting with school and community organizations is an important aspect of the total effort.

TITLE I COMPENSATORY READING CENTERS

A Title I project was approved for the 1966-67 school year, the purpose of which is to give corrective reading tutorial help to children in five elementary schools: Jefferson, Grant, Emerson, Lincoln Elementary and Laura MacArthur. The reading clinicians test and diagnose for reading difficulties, and supervise the work of the reading teacher in each of these centers.

VISUALLY HANDICAPPED

Two specialists, one at the elementary and one at the secondary level, provide special assistance through Braille and large-type instructional materials. The 15 children served by this program spend most of the day with a regular class teacher, with the resource teacher acting in a supportive role.

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A P P E N D I X B

BUILDING PROGRAM SUMMARY: 1963-1967

TWO MAJOR BOND ISSUES in recent years, authorized at the polls by the voters of Duluth, have enabled the Duluth Public Schools to undertake major building programs aimed at modernizing the total physical plant.

****

THE BOND ISSUE OF NOVEMBER, 1963, for $2,240,000, was dedicated to our elementary schools. General improvements (furniture, acoustics, electrical, site) were completed at 25 schools. Four existing elementaries gained important additions: six rooms at Cobb, four rooms at Piedmont, four rooms and a library at Kenwood and four rooms at Congdon Park. The obsolete portion of the Franklin building was razed. Two entirely new elementary schools, Birchwood and Rockridge, were constructed with thirteen and seven teaching stations, respectively. All the work in the entire elementary program was completed by November of 1965, except for Chester Park (see below).

****

THE BOND ISSUE OF FEBRUARY, 1965, for $6,710,000 will bring secondary and vocational facilities to the level of quality attained by our elementary program. The total effort consists of three projects: the replacement of the Central High School building, the construction of a modern Duluth Area Institute of Technology and the general upgrading of seven junior and senior high schools.

THE DULUTH AREA INSTITUTE OF TECHNOLOGY, located on an impressive 95-acre site at the Trinity and Arlington Roads, is now well underway. Construction of foundation wall footings is now 90% complete. Partial operation of the Institute may begin as early as January, 1968, but the opening date for full-scale operations cannot be set earlier than the Fall of 1968. The physical plant has been designed to accommodate an extremely adaptable curriculum, to meet the rapidly-changing needs of business and industry in a wide range of vocational and technical fields. The facility will serve 1,000 daytime students, and up to 3,000 enrolled in part-time evening classes.

THE NEW CENTRAL HIGH SCHOOL, it is hoped, will open its doors at the beginning of the 1970-71 school year, following completion in the summer of 1970. The report of a Citizen's Site selection committee was received in early January, 1967, and final site selection is now being studied by the Board. Instructional planning has been underway for some time, and the immense task of design development by the architects, and the completion of working drawings, is anticipated by May, 1968. It is hoped that bids will be awarded by June, 1968, to allow two years for the construction of the new high school.

THE SECONDARY IMPROVEMENT PROGRAM has resulted in significant improvements to Stowe, West, Denfeld and Washington. At this writing, major additions have been completed at Lincoln and Morgan Park, with Dedication Ceremonies set for February 7 and March 21, respectively. At Lincoln, in addition to major internal improvements, a new gym has been added. At Morgan Park, there have been substantial improvements

to service areas, and an addition housing a library and a three-classroom business education area. Internal remodeling at East will result in extensive new science facilities, and there will be a total gain of 14 teaching stations. A new addition will house library, study hall and seven classrooms, and there will be a new gym addition under which will be a shop and lab area. Work is proceeding on schedule, with completion expected by Fall, 1967.

****

THE CHESTER PARK ELEMENTARY ADDITION, final aspect of the Elementary Building Program, will be the equivalent of a thirteen-room addition, and will be among the most modern instructional facilities in the United States. It will serve approximately 360 students in Kindergarten and grades four through six. It is scheduled for completion in time for the 1967-68 school year, and will make possible the rearrangement of attendance areas to relieve population pressure on schools in the area, especially Washburn. At this writing, rough-grading is complete and construction of footings about 30% complete.

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4 **FAIRMOUNT**
Sixty-seventh Avenue West and Redruth Street,
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3 **RIVERSIDE**
Ninetieth Avenue West and Commonwealth, Zip Cod
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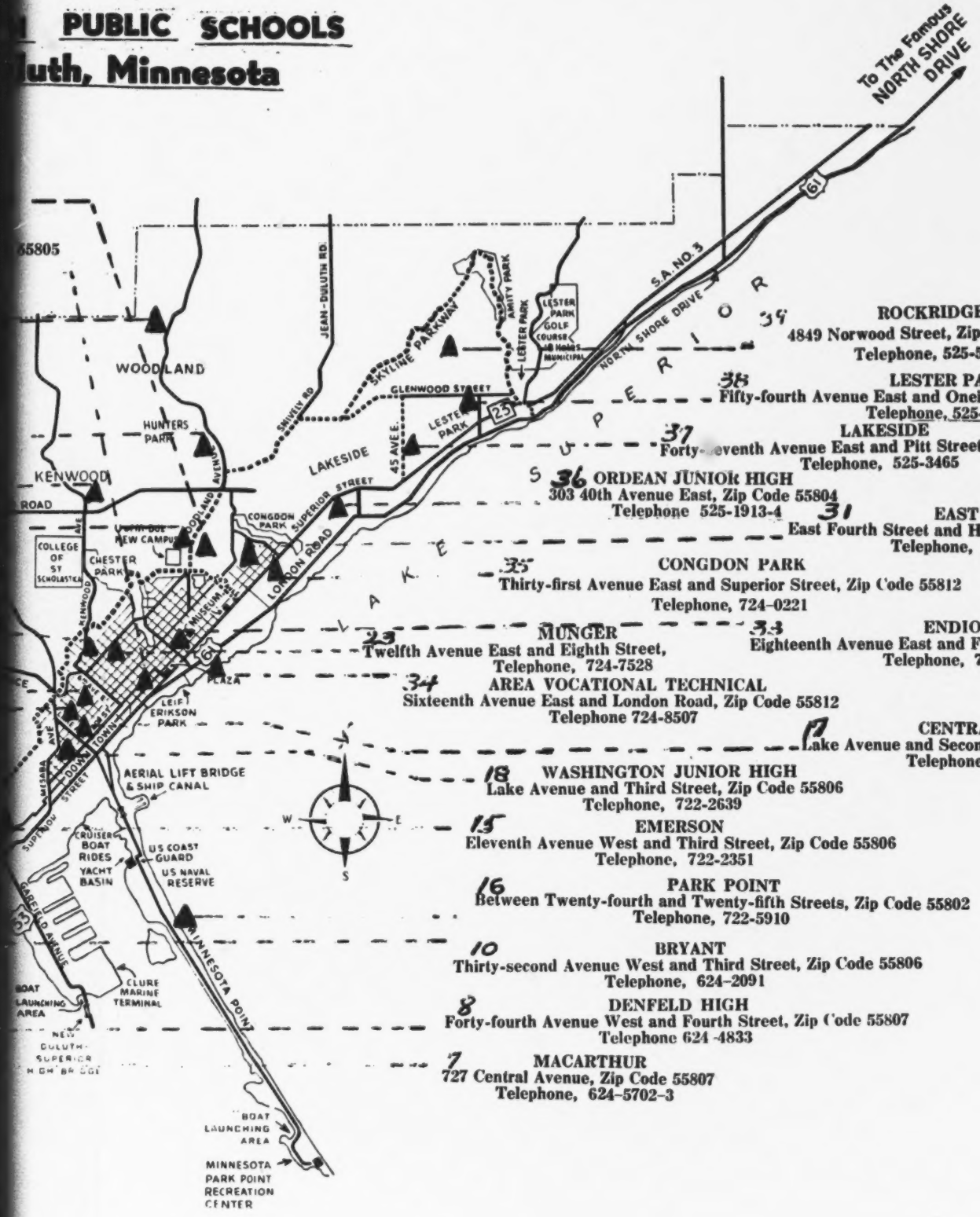
Telephone, 626-2741

1 **STOWE JUNIOR HIGH**
STOWE ELEMENTARY
One Hundred First Avenue West and Stowe Street, Zip Code 55808
Telephone, 626-2731

DULUTH INTERNATIONAL AIRPORT and AIR FORCE BASE
TO AIRPORT
TO AURORA AND ELY
VERMILION TRAIL
TO THE IRON RANGE
WOODLAND
HUNTERS PARK
KENWOOD
ARROWHEAD ROAD
COLLEGE OF ST SCHOLASTICA
CHESTER PARK
DULUTH HEIGHTS
CENTRAL ENTRANCE
ARLINGTON AVENUE
TRINITY ROAD
PIEDMONT HEIGHTS
GOLF 18 HOLES (MUNICIPAL)
LEIF ERIKSON PARK
AERIAL LIFT BRIDGE & SHIP CANAL
CRUISER BOAT RIDES
YACHT BASIN
US COAST GUARD
US NAVAL RESERVE
LINCOLN PARK
WEST END
SUPERIOR STREET
GARFIELD AVENUE
ONEOTA PARK
BREWER PARK
WHEELER FIELD
BOAT LAUNCHING AREA
CLURE MARINE TERMINAL
WEST DULUTH
VILLAGE OF PROCTOR
WADE STADIUM (MUNICIPAL)
ST. LOUIS BAY
NEW DULUTH-SUPERIOR HIGH BRIDGE
SKYLINE PARKWAY
FAIRMOUNT PARK ZOO
RALIEGH
GRAND AVENUE
INDIAN POINT
ARROWHEAD BRIDGE TO SUPERIOR
RIVERSIDE
BOAT MARINA
SNIVELY PARK
MAGNEY PARK
BARNUM'S PEAK
MORGAN PARK
BECKS ROAD
GARY
COMMONWEALTH AVENUE
NEW DULUTH
JAY COOKE PARK
FOND DU LAC PARK
MERRITT MEMORIAL PARK
SCENIC ROUTE TO 61
TO SUPERIOR

PUBLIC SCHOOLS
Duluth, Minnesota



ROCKRIDGE
4849 Norwood Street, Zip Code 55804
Telephone, 525-5510

LESTER PARK
Fifty-fourth Avenue East and Oneida Street, Zip Code 55804
Telephone, 525-3394

LAKESIDE
Forty-seventh Avenue East and Pitt Street, Zip Code 55804
Telephone, 525-3465

ORDEAN JUNIOR HIGH
303 40th Avenue East, Zip Code 55804
Telephone 525-1913-4

EAST HIGH
East Fourth Street and Hawthorne Road, Zone 55812
Telephone, 724-8827-8-9

CONGDON PARK
Thirty-first Avenue East and Superior Street, Zip Code 55812
Telephone, 724-0221

MUNGER
Twelfth Avenue East and Eighth Street,
Telephone, 724-7528

ENDION
Eighteenth Avenue East and First Street, Zip Code 55812
Telephone, 724-4161

AREA VOCATIONAL TECHNICAL
Sixteenth Avenue East and London Road, Zip Code 55812
Telephone 724-8507

CENTRAL HIGH
Lake Avenue and Second Street, Zip Code 55802
Telephone, 722-5511

WASHINGTON JUNIOR HIGH
Lake Avenue and Third Street, Zip Code 55806
Telephone, 722-2639

EMERSON
Eleventh Avenue West and Third Street, Zip Code 55806
Telephone, 722-2351

PARK POINT
Between Twenty-fourth and Twenty-fifth Streets, Zip Code 55802
Telephone, 722-5910

BRYANT
Thirty-second Avenue West and Third Street, Zip Code 55806
Telephone, 624-2091

DENFELD HIGH
Forty-fourth Avenue West and Fourth Street, Zip Code 55807
Telephone 624-4833

MACARTHUR
727 Central Avenue, Zip Code 55807
Telephone, 624-5702-3

RIVERSIDE
t and Commonwealth, Zip Code 55808
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ARY
Code 55808

IGH
ARY
owe Street, Zip Code 55808
731

LEGEND

(Read From)
(Bottom to Top)

1. Stowe
2. Morgan Park
3. Riverside
4. Fairmount
5. Irving
6. West
7. Laura MacArthur
8. Denfeld
9. Merritt
10. Bryant
11. Lincoln
12. Lincoln, Jr.
13. Ensign
14. Piedmont
15. Emerson
16. Park Point
17. Central
18. Washington
19. Lowell
20. Nettleton
21. Franklin
22. Grant
23. Munger
24. Chester Park
25. Julius Barnes
26. Birchwood
27. Kenwood
28. Washburn
29. Cobb
30. Woodland
31. East
32. Jefferson
33. Endion
34. Area Vocational
35. Congdon Park
36. Ordean
37. Lakeside
38. Lester Park
39. Rockridge
40. New Vocational Technical Inst.